

WHAT IS CLAIMED IS:

- 1 1. A method for providing one click printing, comprising:
2 providing a document identifier for a document to a print job acceptor using a
3 single user action; and
4 acquiring and printing the document by the print job acceptor based upon the
5 provided document identifier.
- 1 2. The method of claim 1 wherein the document identifier comprises a
2 uniform resource locator.
- 1 3. The method of claim 2 wherein the single user action comprises
2 clicking on the uniform resource locator.
- 1 4. The method of claim 3 wherein the providing comprises sending the
2 uniform resource locator to the print job acceptor.
- 1 5. The method of claim 2 wherein the single user action comprises
2 displaying a context menu associated with the uniform resource locator and
3 selecting to direct print the document identified by the uniform resource locator using
4 a single operation of a cursor control device.
- 1 6. The method of claim 5 wherein the providing comprises sending the
2 uniform resource locator to the print job acceptor based upon the selection of the
3 direct print of the document.

1 7. The method of claim 5 wherein cursor control device comprises a
2 computer mouse and the single operation comprises depressing a mouse button to
3 cause the context menu to be displayed and releasing the mouse button with the
4 cursor positioned over a direct print menu selection to cause the direct print of the
5 document identified by the uniform resource locator to be selected.

1 8. The method of claim 1 further comprising configuring an application for
2 one click printing prior to providing a document identifier.

1 9. The method of claim 8 wherein the configuring an application for one
2 click printing comprises installing an application plug-in for interpreting the user
3 actions.

1 10. The method of claim 9 wherein the installing further comprises
2 selecting a print job acceptor for providing one click printing.

1 11. The method of claim 9 wherein the installing further comprises
2 displaying a menu for selecting a print job acceptor for providing one click printing.

1 12. The method of claim 1 wherein the installing further comprises sending
2 a query to all print job acceptors to determine whether a print job acceptor supports
3 direct printing.

1 13. The method of claim 1 wherein the providing a document identifier for
2 a document to a print job acceptor using a single user action further comprises
3 selecting a document, determining whether the selected document can be handled
4 by the print job acceptor and submitting the document identifier to the print job
5 acceptor for acquiring and printing the document when the document can be
6 handled by the print job acceptor.

1 14. The method of claim 13 further comprising determining whether a plug-
2 in for handling the data is installed and submitting the document identifier to the print
3 job acceptor for acquiring and printing the document when the plug-in for handling
4 the document is installed.

1 15. The method of claim 14 further comprising displaying a menu for
2 selecting viewing or printing the document when the plug-in for handling the
3 document is installed.

1 16. A plug-in for providing one click printing, comprising:
2 an analyzer for analyzing a position of a cursor to obtain a document identifier
3 associated with a document to be printed;
4 an interpreter for interpreting a user's actions to determine when the user has
5 selected to print a document associated with the document identifier using a single
6 user action; and
7 a pull print requester for sending the obtained document identifier to a print
8 job acceptor when the interpreter has determined that the user has selected to print
9 a document associated with the document identifier using a single user action.

1 17. The plug-in of claim 16 wherein the pull print request causes a print job
2 acceptor to acquire and print the document based upon the provided document
3 identifier.

1 18. The plug-in of claim 16 wherein the document identifier comprises a
2 uniform resource locator.

1 19. The plug-in of claim 18 wherein the single user action comprises
2 clicking on the uniform resource locator.

1 20. The plug-in of claim 19 wherein the pull print requester sends the
2 uniform resource locator to the print job acceptor.

1 21. The plug-in of claim 18 wherein the interpreter displays a context menu
2 associated with the uniform resource locator and interprets a user's single operation
3 of a cursor control device to direct print the document identified by the uniform
4 resource locator.

1 22. The plug-in of claim 21 wherein the pull print requester sends the
2 uniform resource locator to the print job acceptor based upon the user's single
3 operation of the cursor control device to direct print the document.

1 23. The plug-in of claim 21 wherein cursor control device comprises a
2 computer mouse and the single operation comprises depressing a mouse button to
3 cause the context menu to be displayed and releasing the mouse button with the
4 cursor positioned over a direct print menu selection to cause the direct print of the
5 document identified by the uniform resource locator to be selected.

1 24. An article of manufacture comprising a program storage medium
2 readable by a computer, the medium tangibly embodying one or more programs of
3 instructions executable by the computer to perform a method for providing one click
4 printing, the method comprising:

5 providing a document identifier for a document to a print job acceptor using a
6 single user action; and

7 acquiring and printing the document by the print job acceptor based upon the
8 provided document identifier.

1 25. The article of manufacture of claim 24 wherein the document identifier
2 comprises a uniform resource locator.

1 26. The article of manufacture of claim 24 wherein the single user action
2 comprises clicking on the uniform resource locator.

1 27. The article of manufacture of claim 26 wherein the providing comprises
2 sending the uniform resource locator to the print job acceptor.

1 28. The article of manufacture of claim 25 wherein the single user action
2 comprises displaying a context menu associated with the uniform resource locator
3 and selecting to direct print the document identified by the uniform resource locator
4 using a single operation of a cursor control device.

1 29. The article of manufacture of claim 28 wherein the providing comprises
2 sending the uniform resource locator to the print job acceptor based upon the
3 selection of the direct print of the document.

1 30. The article of manufacture of claim 28 wherein cursor control device
2 comprises a computer mouse and the single operation comprises depressing a
3 mouse button to cause the context menu to be displayed and releasing the mouse
4 button with the cursor positioned over a direct print menu selection to cause the
5 direct print of the document identified by the uniform resource locator to be selected.

1 31. The article of manufacture of claim 24 further comprising configuring
2 an application for one click printing prior to providing a document identifier.

1 32. The article of manufacture of claim 31 wherein the configuring an
2 application for one click printing comprises installing an application plug-in for
3 interpreting the user actions.

1 33. The article of manufacture of claim 32 wherein the installing further
2 comprises selecting a print job acceptor for providing one click printing.

1 34. The article of manufacture of claim 32 wherein the installing further
2 comprises displaying a menu for selecting a print job acceptor for providing one click
3 printing.

1 35. The article of manufacture of claim 24 wherein the installing further
2 comprises sending a query to all print job acceptors to determine whether a print job
3 acceptor supports direct printing.

1 36. The article of manufacture of claim 24 wherein the providing a
2 document identifier for a document to a print job acceptor using a single user action
3 further comprises selecting a document, determining whether the selected document
4 can be handled by the print job acceptor and submitting the document identifier to
5 the print job acceptor for acquiring and printing the document when the document
6 can be handled by the print job acceptor.

1 37. The article of manufacture of claim 36 further comprising determining
2 whether a plug-in for handling the document is installed and submitting the
3 document identifier to the print job acceptor for acquiring and printing the document
4 when the plug-in for handling the document is installed.

1 38. The article of manufacture of claim 37 further comprising displaying a
2 menu for selecting viewing or printing the document when the plug-in for handling
3 the document is installed.